

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (Canceled).

2. (Currently Amended) A static eliminator ~~according to claim 1 further for~~ neutralizing and eliminating static electricity by applying an ultraviolet ray to a static elimination target, the static eliminator comprising:

at least one means for applying the ultraviolet ray and the means for applying the ultraviolet ray being formed of an ultraviolet light emitting diode; and

optical means for condensing the ultraviolet ray from the ultraviolet light emitting diode and applying the ultraviolet ray to the static elimination target.

3. (Currently Amended) A static eliminator ~~according to claim 1 further for~~ neutralizing and eliminating static electricity by applying an ultraviolet ray to a static elimination target, the static eliminator comprising:

at least one means for applying the ultraviolet ray and the means for applying the ultraviolet ray being formed of an ultraviolet light emitting diode; and

an air nozzle for producing a flow of ~~air ionized~~ air ionized by the ultraviolet ray from a side of the ultraviolet light emitting diode toward the static elimination target.

4. (Currently Amended) A static eliminator ~~according to claim 1 further for~~ neutralizing and eliminating static electricity by applying an ultraviolet ray to a static elimination target, the static eliminator comprising:

at least one means for applying the ultraviolet ray and the means for applying the ultraviolet ray being formed of an ultraviolet light emitting diode; and

a wall member for ejecting ions under ultraviolet irradiation in a position facing at least a part of an optical path extending from the ultraviolet light emitting diode to the static elimination target.

5. (Original) A static eliminator according to claim 4, wherein the wall member includes a photocatalyst or is formed of a photoemissive member.

6. (Currently Amended) A static eliminator ~~according to claim 1 further~~ for neutralizing and eliminating static electricity by applying an ultraviolet ray to a static elimination target, the static eliminator comprising:

at least one means for applying the ultraviolet ray and the means for applying the ultraviolet ray being formed of an ultraviolet light emitting diode; and

a wall member for generating ozone under ultraviolet irradiation in a position facing at least a part of an optical path extending from the ultraviolet light emitting diode to the static elimination target.

7. (Currently Amended) A static eliminator ~~according to claim 1 further~~ for neutralizing and eliminating static electricity by applying an ultraviolet ray to a static elimination target, the static eliminator comprising:

at least one means for applying the ultraviolet ray and the means for applying the ultraviolet ray being formed of an ultraviolet light emitting diode; and

a wall member having a function of absorbing or decomposing ozone generated by ultraviolet irradiation in a position facing at least a part of an optical path extending from the ultraviolet light emitting diode to the static elimination target.

8. (Currently Amended) A static eliminator ~~according to claim 1~~ for neutralizing and eliminating static electricity by applying an ultraviolet ray to a static elimination target, the static eliminator comprising:

at least one means for applying the ultraviolet ray, wherein the means for applying the ultraviolet ray is formed of a plurality of ultraviolet light emitting diodes ~~are~~ mounted to a support member disposed to face the static elimination target.

9. (Currently Amended) A static eliminator according to claim 8, wherein the support member has a shape and a size corresponding to the static elimination target and the ~~ultra violet~~ ultraviolet light emitting diodes are disposed throughout a face of the support member.

10. (Original) A static eliminator according to claim 8, wherein the support member is in a ring shape and the plurality of ultraviolet light emitting diodes are mounted to an inner face of the support member to thereby concentrate application of the ultraviolet rays from the ultraviolet light emitting diodes on the static elimination target positioned on a central axis of the support member.

11. (Original) A static eliminator for neutralizing and eliminating static electricity by applying an ultraviolet ray to a belt-shaped static elimination target, the static eliminator comprising an irradiating head formed by mounting a plurality of ultraviolet light emitting diodes to a bar-shaped support member and the irradiating head being disposed in such a

direction as to cross the static elimination target in a width direction and being movable with respect to the static elimination target along the target.

12. (Original) A static eliminator for neutralizing and eliminating static electricity by applying an ultraviolet ray to a rotationally-symmetric inner or outer peripheral face of a static elimination target, the static eliminator comprising an irradiating head formed by mounting a plurality of ultraviolet light emitting diodes to a support member movable along the inner or outer peripheral face.